

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Applicant: Amir

Serial No.: 09/757,012

Filed: January 8, 2001

For: **SYSTEM AND METHOD FOR MICROPHONE  
GAIN ADJUST BASED ON SPEAKER  
ORIENTATION**

Art Unit: 2644

Examiner: Chau

ARC9-2000-0093-US1

November 20, 2003  
750 B STREET, Suite 3120  
San Diego, CA 92101**RESPONSE TO OFFICE ACTION**Commissioner of Patents and Trademarks  
Washington, DC 20231

Dear Sir:

In response to the Office Action dated November 17, 2003, amend the above-captioned application as follows.

1053-105, A.M.D

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5. (original) The method of Claim 4, further comprising using the mapping to generate at least one gain adjust signal based on at least one person-microphone position signal.
6. (original) The method of Claim 1, wherein the person-microphone position signal is derived from a motion sensing system or a position sensing system or an orientation sensing system or a distance sensing system.
7. (original) The method of Claim 1, wherein the person-microphone position signal is derived from a laser system.
8. (original) The method of Claim 1, wherein the gain adjust signal is determined contemporaneously with a recording of the person.
9. (original) The method of Claim 1, wherein the person-microphone position signal is recorded, then the gain adjust signal is determined after a recording of the person.
10. (original) The method of Claim 1, wherein the gain adjust signal is a fast response gain adjust signal, and the method further comprises determining a slow response gain adjust signal based on an audio stream.

1053-105.AMD